Fig.1

Late that the contract that the

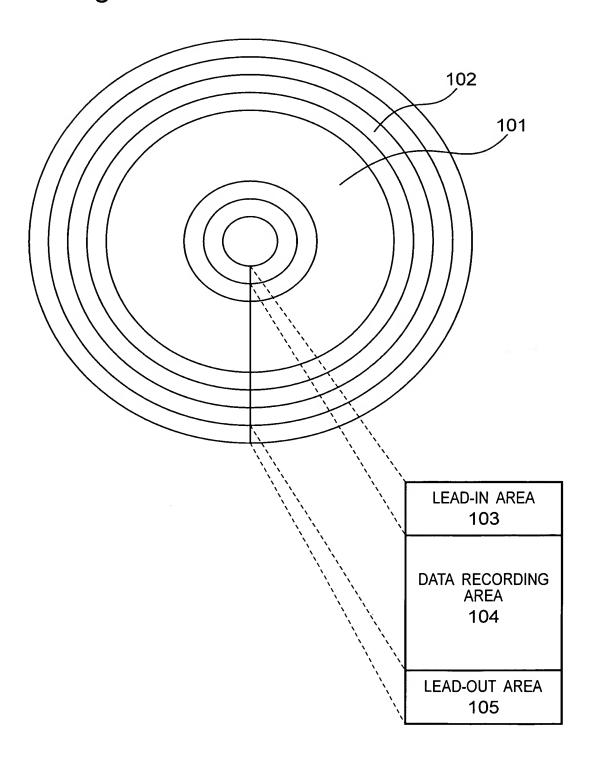
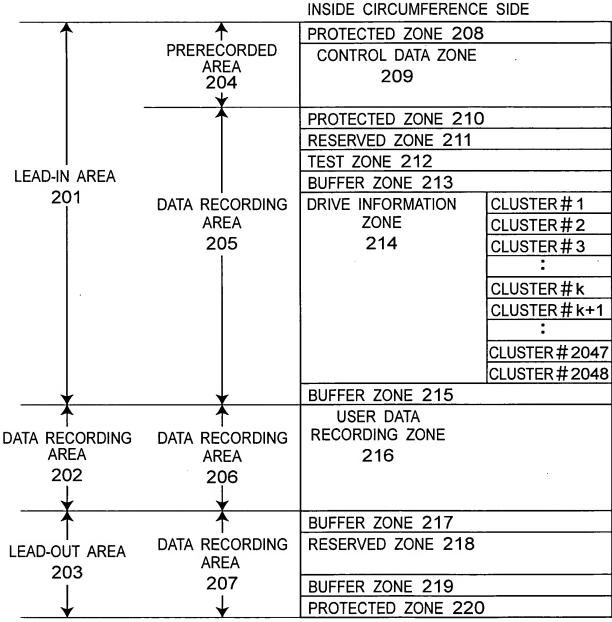


Fig.2



OUTSIDE CIRCUMFERENCE SIDE

Fig.3

	P4	Į.			P
SECTOR CONFIGURATION	Main Data	Main Data	PO	Main Data	Main Data
			P		
ECC BLOCK CONFIGURATION	Main Data	Main Data	Main Data	Main Data	Od

DATA STORAGE AREA 405 MANUFACTURER **NFORMATION** DRIVE IDENTIFIER DENTIFIER AUXILIARY 403 404 401b \_401b 401b 401b 401b #32 Dn DRIVE-SPECIFIC INFORMATION #1 D(n+31) DRIVE-SPECIFIC INFORMATION #2 D(n+30) DRIVE-SPECIFIC INFORMATION #3 D(n+29) DRIVE-SPECIFIC INFORMATION #30 D(n+2) DRIVE-SPECIFIC INFORMATION DRIVE-SPÈCIFIC INFORMATION #31 D(n+1 \_401a 401a 401a CLUSTER # 2048 (NOT RECORDED) CLUSTER#k+1 (NOT RECORDED) CLUSTER#2 (RECORDED) CLUSTER#K (RECORDED) CLUSTER#1 (RECORDED) DRIVE INFORMATION ZONE 214

Fig.4

10/519535

Fig.5		
		401
CLUSTER#1	SECTOR#1	D(1)
	SECTOR#2	<u>-</u>
	SECTOR#3	
	SECTOR#4	•
	SECTOR#5	
	1 :	
	:	
	SECTOR# 22	
	SECTOR#32	
CLUSTER#2	SECTOR#1	
	SECTOR#2	<del></del>
	SECTOR#3 SECTOR#4	
	SECTOR#5	
	3ECTOR#5	
	:	
	SECTOR#32	
OLLICTED # 2	SECTOR#1	
CLUSTER#3	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	•	
	:	
	SECTOR#32	
CLUSTER#4	SECTOR#1	
CLOSTER#4	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	:	
	:	
· ·	:	
	SECTOR#32	
CLUSTER#5	SECTOR#1	
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	:	
	:	
	SECTOR#32	

Fig.6

OLLIOTED#4	SECTOR#1 D(1	<u>,                                     </u>
CLUSTER#1	SECTOR#1 D(1	
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	•	
	•	
	SECTOR#32	
CLUSTER#2	SECTOR#1 D(2	)
OLOGICK#2	SECTOR#2 D(1	<b>`</b>
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	3ECTOR#3	
	:	
	050700#00	
	SECTOR#32	
CLUSTER#3	SECTOR#1	
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	•	
	· •	
	:	
	SECTOR#32	
CLUSTER#4	SECTOR#1	
CLUSTER#4	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	-
	SECTOR#5	
	•	
	•	
	SECTOR#32	
CLUSTER#5	SECTOR#1	·
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	•	
	:	
		. 1
	SECTOR#32	
L	1 3LC 1 OR # 32	

Fig.7

CLUCTED#4	SECTOR#1	D(1)
CLUSTER#1	SECTOR#1	<u> </u>
	SECTOR#3	
	SECTOR#4	
·	SECTOR#5	
	•	
		_
	:	
	SECTOR#32	
CLUSTER#2	SECTOR#1	D(2)
OLOGIEK#2	SECTOR#2	D(1)
·	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	\$55.50p#30	
	SECTOR#32	- D(0)
CLUSTER#3	SECTOR#1	D(3)
	SECTOR#2	D(2)
	SECTOR#3	D(1)
	SECTOR#4	
	SECTOR#5	
	•	
	:	
	SECTOR#32	
CLUSTER#4	SECTOR#1	
CLUSTER#4	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	•	
	SECTOR#32	
CLUSTER#5	SECTOR#1	
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	•	
	SECTOR#32	
	3EC TOR # 32	

Fig.8

	<u> </u>	
CLUSTER#1	SECTOR#1	D(1)
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	CECTOR#5	
	SECTOR#5	
	:	
	•	
·	:	
	SECTOR#32	"
CLUSTER#2	SECTOR#1	D(2)
OLOG TERM 2	SECTOR#2	D(1)
	SECTOR#2	D(1)
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	l :	
	:	
	:	
	SECTOR#32	
CLUSTER#3	SECTOR#1	D(3)
CLOSTER#3	SECTOR#2	D(3)
	SECTOR#2	
	SECTOR#3	. D(1)
	SECTOR#4	
·	SECTOR#5	
	•	
	1	
	SECTOR#22	
01.110=================================	SECTOR#32	5(4)
CLUSTER#4	SECTOR#1	D(4)
	SECTOR#2	D(3)
	SECTOR#3	D(2)
	SECTOR#4	D(1)
	SECTOR#5	`
	•	
	:	
	:	
	SECTOR#32	
CLUSTER#5	SECTOR#1	
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	JECTON # J	
	l :	
	:	
	•	
	SECTOR#32	
	· · · · · · · · · · · · · · · · · · ·	

Fig.9

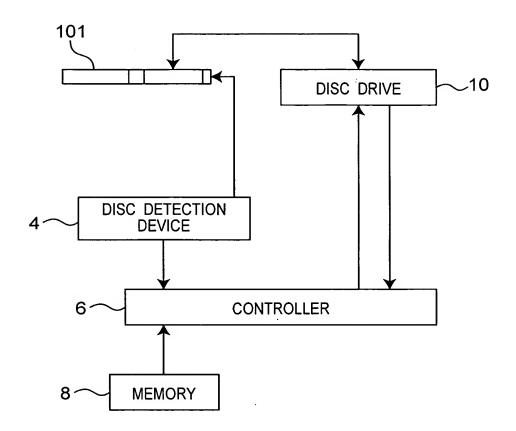
	050505 #4
CLUSTER#1	SECTOR#1 D(1)
	SECTOR#2
	SECTOR#3
	SECTOR#4
	SECTOR#5
	•
	SECTOR#32
CLUCTED #0	SECTOR#1 D(2)
CLUSTER#2	SECTOR#1 D(2)
	SECTOR#2 D(1)
	SECTOR#3
	SECTOR#4
	SECTOR#5
-	•
	SECTOR#32
:	:
:	•
:	:
CLUCTED #1	SECTOR # 1 D(k)=D(n+31)
CLUSTER#k	SECTOR # 2 D(n+30)
	SECTOR#4 D(n+28)
	SECTOR#5 D(n+27)
	•
	:
	•
	SECTOR # 32 D(k-31)=D(n)
CLUSTER#k+1	SECTOR#1
	SECTOR#2
	SECTOR#3
	SECTOR#4
	SECTOR#5
	•
	:
	:
	SECTOR#32
I	SLU   UN # 34

Fig.10

CLUSTER#1	/ /	
	ECTOR#1	D(1)
35	ECTOR#2	
	ECTOR#3	
	ECTOR#4	
SE	ECTOR#5	
	•	
	•	
	:	
SE	ECTOR#32	
	ECTOR#1	D(2)
SE SE	ECTOR#2	D(1)
I SE	ECTOR#3	
	ECTOR#4	
	ECTOR#5	
.   3	ECTOR#3	
	•	
<u> </u>	•	
SE	ECTOR#32	
:	•	
	•	
:	:	
CLUSTED#k	ECTOR#1	D(n+31)
	ECTOR#2	D(n+30)
	ECTOR#3	D(n+29)
	ECTOR#4	
	ECTOR#4	D(n+28)
	ECTOR#5	D(n+27)
	•	
	•	
	ECTOR#32	D(n)
CLUSTER#k+1 SE	ECTOR#1	D(n+32)
	ECTOR#2	D(n+31)
	ECTOR#3	D(n+30)
SF	ECTOR#4	D(n+29)
I SF	ECTOR#5	D(n+28)
<del>     </del>	•	<u> </u>
	:	
	•	
	- 	D(=14)
I SE	ECTOR#32	D(n+1)

:

Fig.11



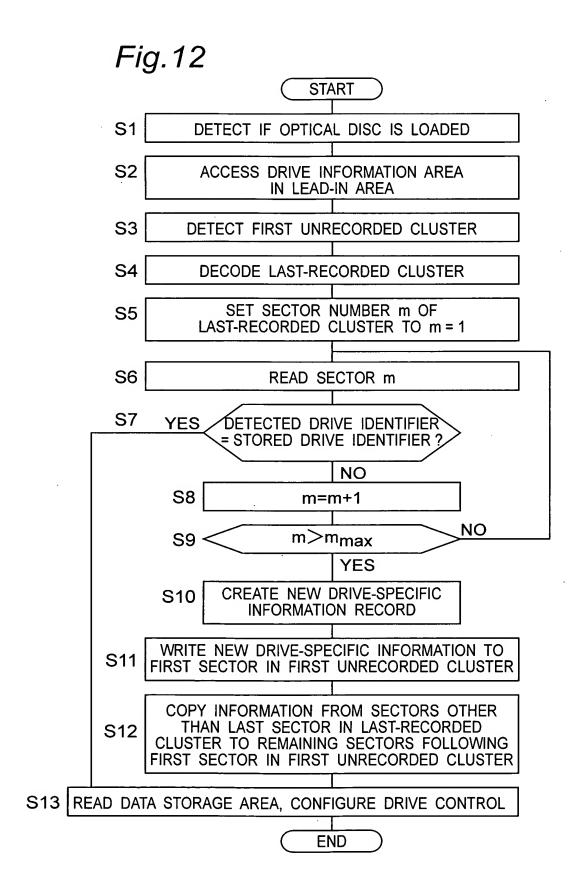
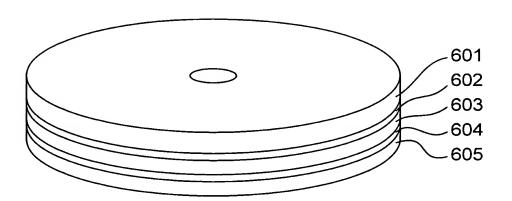


Fig.13



FIRST RECORDING LAYER	INSIDE CIRCUMFERENCE SIDE	ORDED 703a	control DATA ZONE	PROTECTED ZONE	705a	RESERVED ZONE 706a	TEST ZONE	707a	BUFFER ZONE 708a	TA DRIVE INFORMATION ZOING ZONE 709a	BUFFER ZONE 710a	USER DATA	RECORDING ZONE 711a	BUFFER ZONE 712a	RESERVED ZONE 713a	BUFFER ZONE 714a	PROTECTED ZONE	715a	OUTSIDE CIRCUMFERENCE SIDE
PLAYBACK FIRST F		PRERECORDED	AKEA   701a							RECORDING AREA 702a								<b>→</b>	716b 716a OUTS
ECORDING LAYER	IRCUMFERENCE SIDE	PROTECTED ZONE 703b	CONTROL DATA ZONE	PROTECTED 70NF	705b	TEST ZONE	707b	RESERVED ZONE 706b	BUFFER ZONE 708b	RESERVED ZONE 709b	BUFFER ZONE 710b	USER DATA	RECORDING ZONE 711b	BUFFER ZONE 712b	RESERVED ZONE 713b	BUFFER ZONE 714b	PROTECTED ZONE	715b	CIRCUMFERENCE SIDE
SECOND RECOF	INSIDE CIRCUI	PRERECORDED AREA	701b							DATA RECORDING AREA	702b								OUTSIDE CIRC

JING LAYER	INSIDE CIRCUMFERENCE SIDE	PROTECTED ZONE 803a	CONTROL DATA ZONE 804a	PROTECTED ZONE	805a	BUFFER ZONE 806a	DRIVE INFORMATION	20NE 807a	BUFFER ZONE 808a		TEST ZONE 809a		RESERVED ZONE 810a	USER DATA RECORDING ZONE	811a	BUFFER ZONE 812a	RESERVED ZONE 813a	BUFFER ZONE 814a	PROTECTED ZONE	815a	OUTSIDE CIRCUMFERENCE SIDE
FIRST RECORDING LAYER	INSIDE CIRCU	PRERECORDED	801a							DATA	RECORDING	AREA	802a								
PLAYBACK	DIRECTION	<b>←</b>																		<b>→</b>	816b 816a
SECOND RECORDING LAYER	RCUMFERENCE SIDE	PROTECTED ZONE 803b	CONTROL DATA ZONE 804b	PROTECTED ZONE	805b	BUFFER ZONE 806a		RESERVED ZONE 807b	BUFFER ZONE 808b	RESERVED ZONE 810b		TEST ZONE 809b		USER DATA RECORDING ZONE	811b	BUFFER ZONE 812b	RESERVED ZONE 813b	BUFFER ZONE 814b	PROTECTED ZONE	815b	OUTSIDE CIRCUMFERENCE SIDE
SECOND REC	INSIDE CIRC	PRERECORDED	801b							H	RECORDING	AREA	802b								OUTSIDE CIR

Fig. 15

Fig.16

S S S S CLUSTER#2 S S S	SECTOR#1 D(1) SECTOR#2 S(1) SECTOR#3 SECTOR#4 SECTOR#5  ESECTOR#1 D(2) SECTOR#2 D(1) SECTOR#3 S(2) SECTOR#4 SECTOR#5  ESECTOR#5  ESECTOR#5	
S S S CLUSTER#2 S S S	SECTOR#3 SECTOR#5 SECTOR#5 SECTOR#1 D(2) SECTOR#2 D(1) SECTOR#3 S(2) SECTOR#4 SECTOR#5 SECTOR#5	
S S CLUSTER#2 S S S	SECTOR#4 SECTOR#5  SECTOR#32 SECTOR#1 D(2) SECTOR#2 D(1) SECTOR#3 S(2) SECTOR#4 SECTOR#5  SECTOR#5	
SCLUSTER#2 SSSSSS	SECTOR#5  SECTOR#32  SECTOR#1 D(2)  SECTOR#2 D(1)  SECTOR#3 S(2)  SECTOR#4  SECTOR#5  SECTOR#5	
CLUSTER#2 SSSSSS	SECTOR#32 SECTOR#1 D(2) SECTOR#2 D(1) SECTOR#3 S(2) SECTOR#4 SECTOR#5 SECTOR#5	
CLUSTER#2 S S S	D(2) D(1) D(2) D(1) D(2) D(1) D(3) D(4) D(3) D(4) D(5) D(5) D(7) D(7) D(8) D(8) D(8) D(8) D(8) D(8) D(8) D(8	
CLUSTER#2 S S S S	D(2) D(1) D(2) D(1) D(2) D(1) D(3) D(4) D(3) D(4) D(5) D(5) D(7) D(7) D(8) D(8) D(8) D(8) D(8) D(8) D(8) D(8	
CLUSTER#2 S S S S	D(2) D(1) D(2) D(1) D(2) D(1) D(3) D(4) D(3) D(4) D(5) D(5) D(7) D(7) D(8) D(8) D(8) D(8) D(8) D(8) D(8) D(8	
CLUSTER#2 S S S S	D(2) D(1) D(2) D(1) D(2) D(1) D(3) D(4) D(3) D(4) D(5) D(5) D(7) D(7) D(8) D(8) D(8) D(8) D(8) D(8) D(8) D(8	
S   S   S	SECTOR#2 D(1) SECTOR#3 S(2) SECTOR#4 SECTOR#5	
S	SECTOR#3 S(2) SECTOR#4 SECTOR#5 ECTOR#3	
S	SECTOR#4 SECTOR#5 SECTOR#32	
S	SECTOR#5 SECTOR#32	
	SECTOR#32	
1		
S		
CLUSTER#3 S	SECTOR#1 D(3)	
S	SECTOR#2 D(2)	
	SECTOR#3 D(1)	
	SECTOR#4 S(3)	
S	SECTOR#5	
	:	
	•	
	:	
S	SECTOR#32	
	SECTOR #1 D(4)	
	SECTOR#2 D(3)	
S	SECTOR#3 D(2)	
S	SECTOR#4 D(1)	
S	SECTOR #5 S(4)	
	•	
	:	
	<u> </u>	
	SECTOR#32	
	SECTOR#1	
	SECTOR#2	
	SECTOR#3	
S	SECTOR#4	
S	SECTOR#5	
	:	
	•	
S	SECTOR#32	

~

Fig.17

CLUSTER#1	SECTOR#1	S(1)
OLOG TERM T	SECTOR#2	D(1)
	SECTOR#3	5(1)
	SECTOR#4	
·	SECTOR#5	
	3ECTOR#3	
	:	
	050505#00	
0.110==== 1/0	SECTOR#32	
CLUSTER#2	SECTOR#1	S(2)
	SECTOR#2	D(2)
	SECTOR#3	D(1)
	SECTOR#4	
	SECTOR#5	
	:	
	<u> </u>	
	SECTOR#32	
CLUSTER#3	SECTOR#1	S(3)
	SECTOR#2	D(3)
	SECTOR#3	D(2)
	SECTOR#4	D(1)
	SECTOR#5	
	•	
	SECTOR#32	
CLUSTER#4	SECTOR#1	S(4)
CLOST LIK# 4	SECTOR#2	D(4)
	SECTOR#3	D(3)
	SECTOR#4	D(3) D(2)
	SECTOR#4	D(2) D(1)
181	SECTOR#5	<u> </u>
	:	
	050705 1100	
01.1.0==== 1/5	SECTOR#32	
CLUSTER#5	SECTOR#1	
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	:	
	:	
	:	
	SECTOR#32	
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

Fig.18

CLUSTER#1	SECTOR#1	9(1)
CLUSTER# I		S(1)
	SECTOR#2	D(1)
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	
	:	,
	:	
	SECTOR#32	
CLUSTER#2	SECTOR#1	S(2)
	SECTOR#2	D(2)
	SECTOR#3	D(1)
	SECTOR#4	
	SECTOR#5	· · · · · · · · · · · · · · · · · · ·
	3LC10K#3	
	:	
	SECTOR#32	
OLLIOTED #2	SECTOR#32	C(2)
CLUSTER#3	SECTOR#1	S(3)
	SECTOR#2	D(2)
	SECTOR#3	D(1)
	SECTOR#4	
	SECTOR#5	
	:	
	:	
	•	
	SECTOR#32	
CLUSTER#4	SECTOR#1	S(4)
·	SECTOR#2	D(2)
	SECTOR#3	D(1)
	SECTOR#4	- \ - /
	SECTOR#5	
	•	
	:	·
	:	l
	SECTOR#32	
CLUSTED#5		
CLUSTER#5	SECTOR#1	
	SECTOR#2	
	SECTOR#3	
	SECTOR#4	
	SECTOR#5	,
*	:	
	:	
	SECTOR#32	
<u> </u>	1	